



OMB No. 0651-0011

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	7414.0059-00000	Appl. No.	08/968,208
Applicant	Russell HIGUCHI		
Filing Date (CPA)	November 20, 2000	Group:	1743

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## U.S. PATENT AND PATENT APPLICATION DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
Br	4,058,370	11/15/1977	Suovaniemi			
	4,240,751	12/23/1980	Linnecke et al.			
	4,856,073	08/08/1989	Farber et al.			
	5,038,852	08/13/1991	Johnson et al.			
	5,096,807	03/17/1992	Leaback			
	5,355,215	10/11/1994	Schroeder et al.			
	5,415,839	05/16/1995	Zaun et al.			

## DOCUMENTS FROM U.S. INTERFERENCE NO. 103,489

<del>Declaration of Interference</del>
<del>Preliminary Contingent Motion of Higuchi Under 37 C.F.R. §1.633 (C) (1)</del>
<del>Preliminary Motion I of Higuchi Under 37 C.F.R. §1.633 (a)</del>
<del>Preliminary Motion II of Higuchi et al. Under 37 C.F.R. §1.633 (a)</del>
<del>Mitoma Opposition to Higuchi Motion for Judgment Based on 37 C.F.R. §1.56, and Contingent Request for Imposition of Sanctions, 37 C.F.R. §1.616 (b)</del>
<del>Mitoma Opposition to Higuchi Motion II - Judgment as to Mitoma Quantitation Claims</del>
<del>Mitoma's Opposition to Higuchi's Motion for Judgment - Mitoma's Patent Application Lacks Disclosure of the Best Mode Known of Practicing the Invention</del>
<del>Mitoma Opposition to the Contingent Higuchi Motion</del>
<del>Mitoma Contingent Motion for Benefit, 37 CFR 1.633 (f)</del>
<del>Higuchi Motion for Testimony and Documents from Mitoma</del>
<del>Higuchi Reply I - Inequitable Conduct by Mitoma</del>
<del>Higuchi Opposition to Mitoma's Contingent Motion for Benefit</del>
<del>Higuchi Reply to Mitoma's Opposition to Higuchi's Contingent Motion</del>
<del>Higuchi Reply to Mitoma's Opposition to Higuchi Motion for Judgment Based Upon Failure to Disclosure Best Mode</del>
<del>Higuchi Reply to Mitoma's Opposition to Higuchi Motion II - Judgment as to Mitoma's Quantitation Claims</del>

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## DOCUMENTS FROM U.S. INTERFERENCE NO. 103,489

	Mitoma Opposition to the Higuchi Motion for Testimony and Documents
	Mitoma Motion to Strike Higuchi's Sninsky Declaration - II and the Reply Relying Thereon
	Mitoma's Certification - 37 CFR §1.637 (b)
	Certification Under Rule 637 (b)
	Mitoma's Reply to the Higuchi Opposition to Mitoma's Contingent Motion for Benefit
	Mitoma's Motion for Imposition of Compensatory Sanctions, 37 CFR §1.616 (b) and 635
	Mitoma Reply to the Opposition to Mitoma's Motion for Compensatory Sanctions
	Mitoma Reply to the Opposition to Mitoma's Motion to Strike Sninsky Declaration - II
	Exhibit Book containing Exhibits 1-13 in U.S. Interference No. 103,489
	Opinion

## FOREIGN PATENT DOCUMENTS

	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
<i>rs</i>	EP 0 200 362 B1	12/10/1986	EPO			
<i>rs</i>	EP 0 236 069 A2	09/09/1987	EPO			
<i>rs</i>	EP 0 488 769 B1	06/03/1992	EPO			
<i>rs</i>	EP 0 512 334 B1	11/11/1992	EPO			
<i>rs</i>	EP 0 516 274 A2	12/02/1992	EPO			
<i>rs</i>	EP 0 524 808 A2	01/27/1993	EPO			
<i>rs</i>	EP 0 580 362B1	01/26/1994	EPO			
<i>rs</i>	EP 0 640 828B1	03/01/1995	EPO			
<i>rs</i>	FR 2,250,991	06/06/1975	France			yes
<i>rs</i>	JP 3-259099	11/19/1991	Japan (abstract)			
<i>rs</i>	JP 4-027399	01/30/1992	Japan (abstract)			
<i>rs</i>	JP 4-084751	03/18/1992	Japan (abstract)			

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<i>JP</i>	JP 4-084752	03/18/1992	Japan (abstract)			
<i>JP</i>	JP-A-03-122552	05/24/1991	Japan (abstract)			
<i>JP</i>	JP-A-61-215948	09/25/1986	Japan (abstract)			
<i>JP</i>	JP-62-105031	05/15/1987	Japan (abstract)			
<i>JP</i>	WO 92/05278	04/02/1992	PCT			
	<del>WO 93/16194</del>	<del>08/19/1993</del>	<del>PCT</del>			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	European Search Report, European Patent Application No. EP 02015199, mailed October 1, 2002.
	European Search Report, European Patent Application No. EP 92106989, mailed January 11, 1993.
	European Search Report Published with European Patent Application No. EP 98110423, completed August 21, 1998
	European Search Report Published with European Patent Application No. EP 94112728, completed December 5, 1994
	<del>U.S. Application Serial No. 08/266,061, filed 07/05/94, (including copies of application and papers from prosecution of U.S. Serial No. 08/266,061)</del>
<i>JP</i>	Bauer et al., Traveling waves of <i>in vitro</i> evolving RNA, <u>Proc. Natl. Acad. Sci.</u> 86:7937-7941 (1989)
<i>JP</i>	Chehab et al., Detection of specific DNA sequences by fluorescence amplification: A color complementation assay, <u>PNAS</u> 86:9178-9182 (1989)
<i>JP</i>	Haff et al., A high-performance system for automation of the polymerase chain reaction, <u>BioTechniques</u> 10(1):102-112 (Jan. 1991)
<i>JP</i>	Henco et al., Determination of <i>in vitro</i> amplified nucleic acid sequences, <u>Chem. Abstr.</u> 119 (15):153368b (1993)
<i>JP</i>	Higuchi et al., Simultaneous amplification and detection of specific DNA sequences, <u>Bio/Technology</u> 10:413-417 (1992)
<i>JP</i>	Higuchi et al., Kinetic PCR analysis: real-time monitoring of DNA amplification reactions, <u>Bio/Technology</u> 11:1026-1030 (1993)

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
<i>JS</i>	Katz et al., Rapid separation, quantitation and purification of products of polymerase chain reaction by liquid chromatography, <u>J. Chromatography</u> 512:433-444 (1990)
<i>JS</i>	Kellogg et al., Quantitation of HIV-1 Proviral DNA relative to cellular DNA by the polymerase chain reaction, <u>Anal. Biochem.</u> 189:202-208 (1990)
<i>JS</i>	Kornberg, <u>DNA Replication</u> , 427-441 (1980)
<i>JS</i>	Kornberg, <u>DNA Replication</u> , 451-455 (1992)
<i>JS</i>	Kosarev et al., Determination of bacterial concentration in suspension - involves using di:amino-ethyl-phenyl-phananthridinium bromide as fluorescing substance and measuring fluorescence intensity after excitation, Database WPIL Week 8651 Derwent Publications Ltd., Lond, GB; AN 86-338273 & SU-A-1 231 077 ( <u>Appl Microbiol Res</u> ) 15 May 1986
<i>JS</i>	Kramer et al., Evolution <i>in vitro</i> : sequence phenotype of a mutant RNA resistant to ethidium bromide, <u>J. Mol. Biol.</u> 89:719-736 (1974)
<i>JS</i>	Millipore Direct Catalogue, p. 393-396 (1994-1995)
<del><i>JS</i></del>	<del>Spex Fluorolog 2 Spectrofluorometer Systems</del>
<del><i>JS</i></del>	<del>Spex 1950 Fiberoptic Sample Accessory</del>

Examiner	<i>J. S.</i>	Date Considered	3-6-03
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		
Form PTO 1449		Patent and Trademark Office - U.S. Department of Commerce	